Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2016, South Dakota

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [f,g]	Biomass		Geo-thermal [g]	Solar [g,j]	Retail Electricity Sales	Net Energy [g,k]	Electrical System Energy Losses [l]	Total [g,k]
			Distillate Fuel Oil	HGL [b]	Jet Fuel [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total		Wood and Waste [g,h]	Losses and Co-products [i]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
1960	128	20	2,934	1,370	1,145	8,561	61	1,999	16,071	20	– –	– –	– –	– –	1,514	– –	– –	– –
1970	37	32	4,327	2,712	1,173	9,903	57	1,175	19,348	35	– –	– –	– –	– –	2,803	– –	– –	– –
1980	144	24	4,743	2,530	1,311	9,688	114	909	19,295	32	– –	– –	– –	– –	5,084	– –	– –	– –
1990	226	25	5,907	3,691	1,097	8,986	60	1,054	20,795	0	– –	– –	– –	– –	6,334	– –	– –	– –
2000	604	34	5,900	2,597	1,024	10,304	133	1,964	21,921	0	– –	– –	– –	– –	8,283	– –	– –	– –
2001	387	33	6,210	2,071	967	10,204	106	1,285	20,844	0	– –	– –	– –	– –	8,627	– –	– –	– –
2002	308	40	6,774	3,022	919	10,599	104	1,242	22,659	0	– –	– –	– –	– –	8,937	– –	– –	– –
2003	369	42	6,225	2,618	769	10,307	46	1,528	21,492	0	– –	– –	– –	– –	9,080	– –	– –	– –
2004	246	40	6,499	2,441	776	10,389	93	1,367	21,565	0	– –	– –	– –	– –	9,214	– –	– –	– –
2005	278	39	6,798	2,202	996	10,273	62	2,010	22,341	0	– –	– –	– –	– –	9,811	– –	– –	– –
2006	276	37	6,825	2,171	945	10,217	29	1,863	22,050	0	– –	– –	– –	– –	10,056	– –	– –	– –
2007	273	50	7,652	2,409	880	10,330	35	1,244	22,549	0	– –	– –	– –	– –	10,603	– –	– –	– –
2008	203	63	7,165	2,679	659	10,075	45	1,357	21,979	0	– –	– –	– –	– –	10,974	– –	– –	– –
2009	132	65	7,229	2,732	707	10,768	23	1,200	22,658	0	– –	– –	– –	– –	11,010	– –	– –	– –
2010	169	71	7,496	2,036	718	10,577	2	R 1,430	R 22,259	0	– –	– –	– –	– –	11,356	– –	– –	– –
2011	188	72	7,979	1,806	608	10,608	39	R 961	R 22,001	0	– –	– –	– –	– –	11,680	– –	– –	– –
2012	205	68	7,988	1,625	922	10,931	(s)	R 1,375	R 22,841	0	– –	– –	– –	– –	11,734	– –	– –	– –
2013	206	78	7,930	1,964	664	10,749	2	R 890	R 22,200	0	– –	– –	– –	– –	12,210	– –	– –	– –
2014	215	77	7,878	1,883	1,003	10,973	4	R 877	R 22,618	0	– –	– –	– –	– –	12,355	– –	– –	– –
2015	197	73	7,954	1,638	854	R 11,390	5	R 903	R 22,744	0	– –	– –	– –	– –	12,102	– –	– –	– –
2016	212	74	7,631	1,818	873	11,553	8	752	22,635	0	– –	– –	– –	– –	12,130	– –	– –	– –
			Trillion Btu															
1960	2.5	20.8	17.1	5.3	6.1	45.0	0.4	12.0	85.9	0.2	1.5	NA	NA	NA	5.2	116.1	12.8	128.9
1970	0.7	32.1	25.2	10.4	6.3	52.0	0.4	7.5	101.8	0.4	1.1	NA	NA	NA	9.6	145.7	23.1	168.8
1980	2.8	23.8	27.6	9.5	7.1	50.9	0.7	5.8	101.6	0.3	3.3	NA	NA	NA	17.3	149.1	41.7	190.8
1990	3.9	25.2	34.4	13.7	5.9	47.2	0.4	6.7	108.4	0.0	2.2	0.5	0.2	(s)	21.6	162.5	54.8	217.3
2000	12.6	34.5	34.3	9.8	5.8	53.7	0.8	12.8	117.3	0.0	1.8	1.0	0.4	(s)	28.3	195.8	63.3	259.1
2001	6.6	32.4	36.1	7.8	5.5	53.2	0.7	8.3	111.7	0.0	1.8	1.5	0.5	(s)	29.4	183.9	67.8	251.7
2002	5.2	40.3	39.4	11.3	5.2	55.2	0.7	8.1	119.9	0.0	1.7	3.7	0.5	(s)	30.5	201.7	69.4	271.0
2003	6.2	41.8	36.2	9.9	4.4	53.6	0.3	10.0	114.3	0.0	1.8	9.0	0.6	(s)	31.0	204.6	70.6	275.2
2004	4.1	40.1	37.8	9.1	4.4	54.0	0.6	8.9	114.8	0.0	1.8	18.2	0.7	(s)	31.4	211.1	73.4	284.6
2005	4.6	39.3	39.6	8.2	5.6	53.4	0.4	13.2	120.4	0.0	1.5	24.4	0.8	(s)	33.5	224.5	77.7	302.2
2006	4.6	37.5	39.6	8.1	5.4	53.0	0.2	12.2	118.5	0.0	1.4	31.6	0.9	(s)	34.3	228.8	78.3	307.1
2007	4.6	49.8	44.3	9.0	5.0	53.2	0.2	8.1	119.8	0.0	1.5	33.6	0.9	(s)	36.2	246.5	84.3	330.8
2008	3.5	62.8	41.4	10.1	3.7	51.6	0.3	8.9	116.0	0.0	1.7	44.4	1.5	(s)	37.4	267.3	86.3	353.6
2009	2.3	65.4	41.8	10.2	4.0	54.9	0.1	7.9	118.9	0.0	2.1	51.3	1.6	(s)	37.6	279.2	84.2	363.3
2010	2.9	71.3	43.3	7.8	4.1	53.7	(s)	R 9.3	R 118.3	0.0	R 2.0	58.2	1.7	(s)	38.7	R 293.1	85.8	R 378.8
2011	3.1	72.4	46.1	6.9	3.4	53.8	0.2	R 6.2	R 116.7	0.0	R 2.4	56.5	2.0	(s)	39.9	R 292.9	86.0	R 378.8
2012	3.4	69.0	46.1	6.2	5.2	55.3	(s)	R 9.0	R 121.9	0.0	R 2.2	52.9	1.9	(s)	40.0	R 291.3	79.5	R 370.9
2013	3.4	80.3	45.7	7.5	3.8	54.4	(s)	R 5.8	R 117.2	0.0	R 2.8	55.0	1.9	(s)	41.7	R 302.3	88.1	R 390.5
2014	3.5	79.9	45.4	7.2	5.7	55.5	(s)	R 5.7	R 119.6	0.0	R 2.8	55.9	1.9	(s)	42.2	R 305.8	88.3	R 394.1
2015	3.3	R 76.9	45.9	6.3	4.8	R 57.6	(s)	R 5.9	R 120.5	0.0	2.3	55.9	1.9	(s)	41.3	R 302.2	83.2	R 385.4
2016	3.5	77.7	44.0	7.0	4.9	58.4	(s)	4.8	119.3	0.0	2.2	55.1	1.9	(s)	41.4	301.1	82.2	383.2

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[c] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

[d] Beginning in 1993, includes fuel ethanol blended into motor gasoline.

[e] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

[f] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

[g] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

[h] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

[i] Losses and co-products from the production of fuel ethanol.

[j] Solar thermal and photovoltaic energy. Includes a small amount of wind energy consumed by commercial and industrial utility-scale facilities.

[k] Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

[l] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.